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Web Results 1 - 10 of about 38 for **selecting a block in a JPEG image and extracting a set of DCT coefficients**

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Scholarly articles for selecting a block in a JPEG image and extracting a set of DCT coefficients from a block wherein the set comprises the first N AC components of the block and computing a sum of the set of DCT coefficients and analyzing the sum to determine if the block is part of a foreground segment



[Secure spread spectrum watermarking for multimedia](#) - Cox - Cited by 1963

[RELIABLE EXTRACTION OF TEXT FROM VIDEO](#) - Antani - Cited by 7

[Algorithms for Defining Visual Regions-of-Interest: ...](#) - Privitera - Cited by 111

SPIE Proceedings : Abstract list

Furthermore, for coding of arbitrary-shaped images with block-based DCT and ... and uses DC and AC predictions and optimized scanning of DCT coefficients ...

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This resulted in yet more coefficients being set to zero. ... Lastly, the use of variable block sizes for prediction and DCT coding was examined. ...

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[PDF] Tektronix: Video Test > Video Glossary Part I

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view an anamorphic video image on a 1.33 set, the characters will look ... **Block** – An 8-row by 8-column matrix of pels, or 64 DCT coefficients ...

[www.tek.com/Masurement/App_Notes/25_15215/eng/VideoGlossary_part_1.pdf](#) -

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view an anamorphic video image on a 1.33 set, the characters will look tall ... ture information, and the corresponding DCT coefficients. A block repre- ...

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Method for generating a compressed video signal - Patent 6072830

The image block 21 is classified as a background block if a distortion value is ... The accelerator stores the first set of PCI data and uses part of the ...

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Video encoder/decoder system - Patent 5805228

The compute-and-select mechanism 34 compares the current image block 21', which is displaced by dx.sub.i, dy.sub.i, with the set of previously stored image ...

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[PDF] Special Issue: Soft Computing in Multimedia Processing Guest ...

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In lossy JPEG, an N×N image is divided into 8×8 blocks and then a discrete cosine transform (DCT) is performed on each block. The transformed coefficients ...

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Image analysis patents 200601

The method includes **selecting** a **first** fingerprint **block** of the **set** of input ... quantization step sizes and quantized **coefficients** of a JPEG/MPEG encoder. ...

www.freshpatents.com/Image-analysis-dt200601ntc382.php - 156k -

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EUSIPCO2006 - European Signal Processing Conference

Investigations are performed for efficient DCT-based AGU coder for a **set** of ... **First**, a realization of an improved **Block** Proportionate Normalized Least ...

www.eusipco2006.org/program1.htm - 976k - [Cached](#) - [Similar pages](#)

Video Glossary

For example, if the hue control is **set** wrong, the picture will look bad, ... beam-splitter prism, The optical **block** in a video camera onto which three CCD ...

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Block coding Forward error correction coding based on combinational coding ... of the capacity required to transmit the **DCT coefficients** within a frame and ...
www.itu.int/ITU-D/study_groups/SGP_1998-2002/SG2/Documents/2000/186REV1E.doc - [Similar pages](#)

[xls] [Sheet1](#)

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307, On minimal trellises of linear binary **block** codes ... Given a **set** of training data, clustering is **first** performed on the output space. ...
www.wseas.org/2002.xls - [Similar pages](#)

[PDF] [Directionality and Scalability in Image and Video Compression](#)

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The **DCT** is a **block** based transform in that the source sequence is ... approximately orthonormal **set**. The **analysis** of Section 4.5.2 then suggests that the ...
www.ee.unsw.edu.au/~taubman/dissertation_files/taubman_phd.pdf - [Similar pages](#)

@INCOLLECTION{Jeff91:YARTOS, AUTHOR="K. Jeffay and D. Stone and D. ...

The purpose of the SimPack toolkit is to provide the user with a **set** of ... processing Section 2.4 **Analysis** at the **segment** level– **block** processing Section ...
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tions are **set** up. These create a virtual organizational Language Technology environ- ... **Computer Analysis** of **Images** and **Patterns**, W. ...
www.ildc.gov.in/VishwaBharat/contents/TDIL-July03%20Complete.pdf - [Similar pages](#)

[BibTeX-file { %%% author = "{Electronic Visualization Library ...](#)

The improvements are based on tonal decorrelation and overlapping **block** transforms. ... In the **first**, the attractor of the Julia **set** is rendered and, ...
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asymmetric version **comprises** a fixed. switching window that is **set** by the geo- ... **DCT** with **block**-based DC-separation. and DDC-correction, IEEE Trans. CSVT, ...
www.hhi.fraunhofer.de/english/gf/annualreport/hhi_report1998.pdf - [Similar pages](#)

[PDF] [Scientific and Technical Aerospace Reports Volume 40 May 3, 2002](#)

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Analysis for a particular **part** of a data **set** takes place on the ... computation of sensitivity **coefficients**. The **first**, and most commonly employed, ...
202.118.250.135/nasa/STAR/star0209.pdf - [Similar pages](#)

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Commission, the President has set certain poli- ...
mtsociety.org/docs/MTSJournalfall2005%5B1%5D.pdf - Similar pages

more Games.mbx | tr A-Z a-z | tr -cs a-z "[\012*]" | grep "[a-z ...
... 3133 media 3118 verdana 3115 while 3088 them 3088 set 3087 console 3082 ea ...
summoner 409 redef 409 angst 408 block 407 step 407 rings 407 mediactive ...
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IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. Long-term global motion estimation and its application for sprite coding, description, and segmentation
Smolic, A.; Sikora, T.; Ohm, J.-R.;
[Circuits and Systems for Video Technology. IEEE Transactions on](#)
Volume 9, Issue 8, Dec. 1999 Page(s):1227 - 1242
Digital Object Identifier 10.1109/76.809158
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- ☐ 2. 2nd Joint IEEE International Workshop on Visual Surveillance and Perfor Evaluation of Tracking and Surveillance (VS-PETS)
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("6185329" or "5828782" or "5995657" or "5101438").pn.	USPAT	OR	OFF	2006/10/15 16:30
L2	0	1 and foreground	USPAT	OR	OFF	2006/10/15 16:31
L3	1	1 and segment	USPAT	OR	OFF	2006/10/15 16:31
L4	1	3 and JPEG	USPAT	OR	OFF	2006/10/15 16:31
L5	1	4 and extract\$4	USPAT	OR	OFF	2006/10/15 16:31
L6	1	5 and DCT	USPAT	OR	OFF	2006/10/15 16:32
L7	1	6 and AC	USPAT	OR	OFF	2006/10/15 16:33
L8	3055	(foreground or text) with segment\$4	USPAT	OR	OFF	2006/10/15 16:34
L9	2	8 and (segment\$4 with (DCT adj coefficient))	USPAT	OR	OFF	2006/10/15 16:34
L10	2	9 and AC	USPAT	OR	OFF	2006/10/15 16:34
L11	2	10 and (sum with DCT)	USPAT	OR	OFF	2006/10/15 16:35
L12	0	(sum with DCT) with (foreground or text)	USPAT	OR	OFF	2006/10/15 16:35
L13	0	(sum near4 DCT) with (foreground or text)	USPAT	OR	OFF	2006/10/15 16:36
L14	30	(sum near4 DCT) and (foreground or text)	USPAT	OR	OFF	2006/10/15 16:36
L15	12	14 and (extract\$4 with DCT)	USPAT	OR	OFF	2006/10/15 16:36
L16	11	15 and JPEG	USPAT	OR	OFF	2006/10/15 16:36
L17	10	16 and AC	USPAT	OR	OFF	2006/10/15 16:39
L18	4	14 and 8	USPAT	OR	OFF	2006/10/15 16:42
L19	286	(calculat\$4 or comput\$4) near3 (DCT adj coefficients)	USPAT	OR	OFF	2006/10/15 16:44
L20	117	19 and JPEG	USPAT	OR	OFF	2006/10/15 16:42
L21	0	20 and (extract\$4 near3 DTC)	USPAT	OR	OFF	2006/10/15 16:43
L22	66	20 and (extract\$4 with3 DTC)	USPAT	OR	OFF	2006/10/15 16:43
L23	0	20 and (extract\$4 with DTC)	USPAT	OR	OFF	2006/10/15 16:43
L24	34	20 and (extract\$4 with DCT)	USPAT	OR	OFF	2006/10/15 16:43
L25	0	24 and (foreground adj segment)	USPAT	OR	OFF	2006/10/15 16:43
L26	9	24 and text and background	USPAT	OR	OFF	2006/10/15 16:45
L27	10	(calculat\$4 or comput\$4) near3 (sum near DCT near coefficients)	USPAT	OR	OFF	2006/10/15 16:46
L28	2	10 and text and background	USPAT	OR	OFF	2006/10/15 16:45
L29	4	27 and JPEG	USPAT	OR	OFF	2006/10/15 16:47
L30	0	29 and foreground	USPAT	OR	OFF	2006/10/15 16:46

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L31	0	29 and text	USPAT	OR	OFF	2006/10/15 16:46
L32	0	(sum with DCT) with (text or foreground)	USPAT	OR	OFF	2006/10/15 16:47
L33	3	(calculat\$4 or comput\$4) near3 (DCT adj coefficient)	EPO; JPO	OR	OFF	2006/10/15 16:48
L34	0	33 and foreground	EPO; JPO	OR	OFF	2006/10/15 16:48
L35	40	(calculat\$4 or comput\$4) near3 (DCT adj coefficient)	EPO; JPO	OR	OFF	2006/10/15 16:48
L36	0	35 and foreground	EPO; JPO	OR	OFF	2006/10/15 16:49
L37	0	35 and text	EPO; JPO	OR	OFF	2006/10/15 16:49
L38	0	35 and background	EPO; JPO	OR	OFF	2006/10/15 16:49
L39	0	35 and segment\$4	EPO; JPO	OR	OFF	2006/10/15 16:49
L40	1	(sum near3 DCT) with (foreground or text)	US-PGPUB	OR	OFF	2006/10/15 16:50

	U	1	Document ID	Issue Date	Pages	Title
1			US 7110047 B2	20060919	19	Significant scene detection and frame filtering for a visual indexing system using dynamic thresholds
2			US 6738493 B1	20040518	22	Robust digital watermarking
3			US 6724911 B1	20040420	21	Robust digital watermarking
4			US 6496228 B1	20021217	21	Significant scene detection and frame filtering for a visual indexing system using dynamic thresholds
5			US 6301304 B1	20011009	14	Architecture and method for inverse quantization of discrete cosine transform coefficients in MPEG decoders
6			US 6278792 B1	20010821	22	Robust digital watermarking
7			US 6185363 B1	20010206	17	Visual indexing system
8			US 6154571 A	20001128	22	Robust digital watermarking
9			US 6137544 A	20001024	19	Significant scene detection and frame filtering for a visual indexing system
10			US 6125229 A	20000926	18	Visual indexing system

	Current OR	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3
1	348/700	348/701		McGee; Thomas et al.	X				
2	382/100			Cox; Ingemar J. et al.	X				
3	382/100			Cox; Ingemar J. et al.	X				
4	348/700	348/155		McGee; Thomas et al.	X				
5	375/240.25			Jing; Tai et al.	X				
6	382/100			Cox; Ingemar J. et al.	X				
7	386/69	386/46		Dimitrova; Nevenka et al.	X				
8	382/250	382/100; 382/232		Cox; Ingemar J. et al.	X				
9	348/700	386/69		Dimitrova; Nevenka et al.	X				
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1			US 7110047	
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1			US 6008848 A	19991228	21
2			US 5694170 A	19971202	21

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1	Video compression using multiple computing agents	375/240.12	
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